

What is claimed is: (CLAIMS)

1. A mobile phone apparatus comprising:

a communication unit which carries out transmission and receipt of data via a communication network;

an output unit for outputting at least one of sound, vibration, light and indication;

a storage unit which stores apparatus identification data such as a telephone number for the mobile phone apparatus and various setting information, the storage unit including:

an individual information registering unit which registers apparatus identification information on a plurality of other communication apparatuses and individual identification information such as an owner name or user name of each of the plurality of communication apparatuses;

a group registering unit which registers some of the plurality of other communication apparatuses registered in the individual information registering unit as a group; and

an operation setting unit which sets operation contents of the output unit;

an input unit for inputting apparatus identification data and/or various setting information; and

a display unit for displaying information on transmission and receipt of data and/or various setting information,

wherein the output unit outputs the operation contents set by the operation setting unit when an incoming call signal is received by the communication unit,

wherein the storage unit further includes a situation mode setting unit which sets the operation contents of the output unit in response to usage conditions of the user of the mobile

phone apparatus, and the situation mode setting unit includes a situation mode selecting unit which selects any situation mode from a plurality of situation modes and a situation operation setting unit which sets the operation contents of the output unit in the situation mode selected by the situation mode selecting unit, and

wherein the situation operation setting unit includes a separate group operation setting unit which specifies group information registered by the group registering unit and sets the operation contents of the output unit to the specified group information, and an individual operation setting unit which specifies individual identification information registered by the individual information registering unit and sets the operation contents of the output unit to the specified individual identification information.

2. The mobile phone apparatus as claimed in claim 1, wherein the situation mode setting unit comprises:

a situation mode adding/deleting unit which can register or delete a new situation mode; and

a situation mode name changing unit which can change identification information of the situation mode that has already been registered.

3. The mobile phone apparatus as claimed in claim 1, wherein the situation mode selecting unit can select an off mode in which any situation mode is not carried out,

wherein the operation setting unit comprises: a separate registration operation setting unit which sets the operation contents of the output unit with respect to each of the registered individual identification information or the registered group information, and a mode selecting unit which does not fulfill the separate registration operation setting unit in the case where any situation mode is selected by the situation mode selecting unit and fulfills the separate registration operation setting unit in the case where the off mode is selected by the

situation mode selecting unit, and

wherein the situation operation setting unit has a function of capable of setting operation contents of the output unit different from the operation contents set in the separate registration operation setting unit by situation mode.

4. The mobile phone apparatus as claimed in claim 1, wherein the situation operation setting unit has a function of capable of setting the operation contents of the output unit by situation mode.

5. The mobile phone apparatus as claimed in claim 2, wherein the situation operation setting unit includes a situation copying unit which can copy the situation mode information that has already been registered as it is, and

wherein the situation mode setting unit has a function of capable of registering a new situation mode by means of the situation copying unit when the situation mode adding/deleting unit adds the new situation mode, and of capable of changing the settings of the situation mode information copied by the situation copying unit by means of the separate group operation setting unit and the individual operation setting unit.

6. The mobile phone apparatus as claimed in claim 1, wherein each of the separate group operation setting unit and the individual operation setting unit is set to either operation or nonoperation of the output unit.

7. The mobile phone apparatus as claimed in claim 1, wherein the situation operation setting unit includes an unregistered batch operation setting unit which sets groups or individuals that has been unregistered in the situation mode as unregistered information and sets the operation contents of the output unit with respect to the unregistered information.

8. The mobile phone apparatus as claimed in claim 1, wherein

the situation operation setting unit includes a separate output operation setting unit which specifies the operation contents of the output unit and sets group information or individual identification information to the operation contents of the output unit in place of the separate group operation setting unit and the individual operation setting unit.

9. The mobile phone apparatus as claimed in claim 1, wherein the situation mode setting unit sets the operation contents of the output unit with respect to the groups or individuals registered in the situation mode to nonoperation.

10. The mobile phone apparatus as claimed in claim 1, wherein in the situation mode selected by the situation mode selecting unit, the situation mode setting unit can specify either group specification set by the separate group operation setting unit or individual specification set by the individual operation setting unit, and alternatively, the situation mode setting unit can specify both the group specification set by the separate group operation setting unit and the individual specification set by the individual operation setting unit.

11. The mobile phone apparatus as claimed in claim 10, wherein, in the case where the situation mode setting unit specifies both the group specification set by the separate group operation setting unit and the individual specification set by the individual operation setting unit, and the individual identification information in the group specification overlaps the individual identification information in the individual specification, then the operation contents of the output unit set by the individual operation setting unit is prioritized over the operation contents of the output unit set by the separate group operation setting unit.

12. The mobile phone apparatus as claimed in claim 1, wherein the operation setting unit includes a manner mode setting unit

which can set specific operation contents of the output unit to nonoperation, and the storage unit includes a mode selecting unit which selects either the situation mode setting unit or the manner mode setting unit.

13. The mobile phone apparatus as claimed in claim 1, wherein the input unit has a plurality of keys including specific keys, and the situation mode is selected by means of an operation of the specific keys.

14. The mobile phone apparatus as claimed in claim 1, wherein the input unit has a plurality of keys including specific keys and a dedicated key for selecting the situation mode, and the situation mode is selected by means of an operation of the specific keys and an operation of the dedicated key.

15. The mobile phone apparatus as claimed in claim 1, further comprising:

a situation mode information receiving unit for receiving a mode instruction signal from an outside situation mode sending unit wherein the situation mode setting unit includes a situation mode switching unit which switches the situation mode of the mobile phone apparatus on the basis of the mode instruction signal received by the situation mode information receiving unit.

16. The mobile phone apparatus as claimed in claim 1, wherein the storage unit includes a schedule setting unit which fulfills the set situation mode at the date and time that has been set in advance.

17. The mobile phone apparatus as claimed in claim 15 or 16, further comprising a switching content output unit for outputting at least one of sound, vibration, light and indication when the situation mode is switched.

18. The mobile phone apparatus as claimed in claim 1, wherein

the storage unit stores contents to be displayed on the display unit in accordance with each of the situation modes, and the display unit displays the contents to be displayed in accordance with the situation mode selected by the situation mode selecting unit.